

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	244524	stylus or pen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 06:42
L2	5369723	width or density or angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 06:42
L3	13746	embroider\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 06:42
L4	7023311	velocity or acceleration or pressure or force or inclination	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 06:43
L5	112035	1 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 06:43
L6	3022	2 and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 06:43
L7	64	5 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 06:43
L17	273	(112/470.04).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 07:32

## EAST Search History

L21	108	(700/130).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 07:35
L22	228790	Nobuyuki.in: or atsushi.in: or histaka.in:.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 07:35
L23	57	22 and embroider\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 07:35
L24	231	(112/475.17).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 07:38
L25	241	(112/475.18).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 07:38
L26	197	(112/475.19).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 07:38
S1	10	(("9137360") or ("2849719") or ("3016431") or ("2687461") or ("0634868") or ("0632722") or ("2002273080") or ("2982833") or ("4-17891") or ("6-296777") or ("9-10451") or ("2596093") or ("7-73340") or ("5-161770") or ("61-25397") or ("3-85622") or ("8-328724") or ("6-175771") or ("11-114260") or ("8-112466") or ("011-486")).PN.	JPO; DERWENT	OR	OFF	2007/07/24 14:16

## EAST Search History

S2	2	("5005500").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 14:16
S3	16	("4290375"   "4692871"   "4849902").PN. OR ("5005500").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 14:18
S4	186441	stylus or pen or pen-like or pen-shape	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 14:18
S5	436	S4 and ("112".clas. or 700/130-144.ccls.)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 14:20
S6	88	S5 and(embroider\$3)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 14:24
S7	4773663	pressure or force or speed or velocity or acceleration or inclination	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 14:24
S8	52814	S4 same S7	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 14:24
S9	246519	embroider\$4 or sew\$4 or stitch\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 14:25
S10	1248	S8 and S9	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 14:25
S11	2417830	arc\$3 or curv\$5 or contour or circl\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 14:27
S12	647	S10 and S11	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 14:27
S13	1472587	digitiz\$4 or display or screen	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 14:28
S14	235	S12 and S13	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 14:28
S15	39	("3982491"   "4116143"   "4160422"   "4169422"   "4190007"   "4201144").PN. OR ("4429364").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 14:47

## EAST Search History

S16	1	JP adj2 ("9137360" or "632722" or "137360" or "32722")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 15:19
S17	26349	(Brother adj Kogyo).as. or Janome.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 15:20
S18	9286	data and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 15:21
S19	163	S18 and (stylus or pen-shap\$3 or pen or pen-like)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 15:22
S20	58	S19 and (embroider\$4 or sew\$4 or stitch\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/24 15:34
S21	50	("20070129840" "5379707" "5740056" "5791271" "6012402" "5195451" "5674591" "6142089" "5592891" "5748480" "5481992" "5537945" "5904109" "6012405" "4365565" "4388883" "4825784" "4849902" "4936232" "4998489" "5005500" "5253599" "5282142" "5283748" "5313896" "5438942" "5867391" "6173665" "6247420" "6317644" "6937919" "4622907" "5765496" "5506784" "5510994" "5668730" "6109194" "20070014436" "5343401" "4982674" "5179520" "4362114" "4438713" "4530665" "6152057" "4370940" "5283747" "5784990" "6082279" "6192292").pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/24 15:34

## EAST Search History

S22	31	("4,446,520") or ("4,742,786") or ("5,646,861") or ("6,430,460") or ("4,429,364") or ("4,692,871") or ("4,998,489") or ("5,005,500") or ("5,042,410") or ("5,044,291") or ("5,099,777") or ("5,319,565") or ("5,769,013") or ("5,782,189") or ("5,867,39")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 11:33
S23	22	("4429364"   "4446520"   "4648341"   "4856104"   "4860678"   "4953485"   "4960061"   "4998489"   "5005500").PN. OR ("5319565").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:34
S24	41	("4074642"   "4078253"   "4092938"   "4108090"   "4144827"   "4187789"   "4190007"   "4201144"   "4218982"   "4236467").PN. OR ("4446520").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:43
S25	11281	digitiz\$4 and (stylus or pen)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:43
S26	52814	(stylus or pen) same (force or pressure or velocity or speed or acceleration or inclination)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:45
S27	3113	S25 and S26	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:44
S28	483234	textile\$1 or sew\$3 or embroider\$3 or stitch\$3 or weav\$3 or knit\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:45
S29	226	S27 and S28	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:45
S30	55647	(stylus or pen) same (force or strength or pressure or velocity or speed or acceleration or inclination)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:45
S31	227	S25 and S30 and S28	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:57
S33	20277	(velocity or acceleration on inclination or speed) same (stylus or pen)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:57
S34	1970597	digitiz\$4 or computer or display or screen	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:58

## EAST Search History

S35	7184	S33 and S34	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:58
S36	2154	S35 and sense	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:59
S37	3509	S35 and (sense or detect)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 11:59
S38	1	S37 and embroider\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 12:00
S39	34	S37 and sew\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 12:00
S40	63	("4739317"   "4812832"   "4821030"   "4992630"   "5063600"   "5121442"   "5157737"   "5218645"   "5220649"   "5252951"   "5260697"   "5272470"   "5414228").PN. OR ("5534893"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 12:05
S41	16	("4290375"   "4692871"   "4849902").PN. OR ("5005500"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/07/25 14:13
S42	361	(700/138).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 14:37
S43	53	(700/136).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 14:13
S44	5360815	angle or width or density	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 14:51

## EAST Search History

S45	10096	S44 and ("112".clas. or 700/130-144.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 14:50
S46	4711	stitch with (angle or width or density)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 14:51
S47	1487	S46 and ("112".clas. or 700/130-144.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 14:53
S48	255	S47 and embroider\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 14:54
S49	243998	stylus or pen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 14:54
S50	26	S48 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/25 14:55